ABSTRACT OF THE DISCLOSURE

The present invention provides a novel use for GNK in treating pathological conditions related to angiogenesis. The present invention also provides isolated DNA encoding sGNK, expression vectors comprising the isolated DNA, and a method for producing sGNK by cultivating host cells containing the expression vectors under conditions appropriate for expression of the sGNK. Antibodies directed against sGNK or an immunogenic fragment thereof are also disclosed. The sGNK, which is a physiological substrate of GNK and co-purifies with GNK on gel filtration chromatography, may also be useful in treating vascularization abnormalities.